

### Abstract of the Disclosure

A vehicle headlamp is constituted to have a plurality of lamp units having light-emitting diodes as light sources.

- 5 At that time, three types of lamp units of different radiation modes; that is, a projector-type lamp unit, direct-projection-type lamp units, and a reflection-type lamp unit, are used as the plurality of lamp units. As a result, a low-beam light distribution pattern obtained as a merged light
- 10 distribution pattern formed from the light rays output from these three types of lamp units can be readily formed in a desired pattern geometry and a desired distribution of luminous intensity.